

Title (en)  
Universal outlet for filter units

Title (de)  
Universeller Auslauf für Filtereinheiten

Title (fr)  
Sortie universelle pour unités de filtration

Publication  
**EP 0998978 B1 20040818 (EN)**

Application  
**EP 99119694 A 19991005**

Priority  
US 18771798 A 19981106

Abstract (en)  
[origin: EP0998978A2] Filter device comprising a filter housing, a filter disposed in the filter housing, an inlet, and an opposed outlet spaced from the inlet, wherein the outlet comprises an extension from the housing, the extension extending longitudinally in the direction of fluid flow and comprising at least a first section having a minimum outer diameter and a second section downstream from the first section and having a terminal end having a maximum outer diameter, the maximum diameter of the second section terminal end being smaller than the minimum diameter of the first section.  
<IMAGE>

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**B01L 3/02**; **A61M 5/31**; **B01D 35/00**; **A61M 39/00**

IPC 8 full level  
**B01D 35/02** (2006.01); **A61M 5/31** (2006.01); **B01D 35/00** (2006.01); **B01L 3/02** (2006.01); **G01N 1/00** (2006.01); **G01N 1/10** (2006.01); **A61M 5/34** (2006.01); **G01N 1/14** (2006.01); **G01N 1/22** (2006.01); **G01N 1/24** (2006.01); **G01N 1/28** (2006.01)

CPC (source: EP US)  
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